## DB Lab Task 13 18p-0126 Ahmad Hasan Syed Q1/Q2:

```
}
[> db.cities.find({timezone : "Asia/Jakarta"}).count()
1430
>
```

## Q3/Q4:

```
db.cities.find({country: "PK", timezone: "Asia/Karachi"}).sort({population: -1}).pretty()
        "_id" : ObjectId("60c61e9fcb0cfb0a5d655904"),
        "name": "Karachi",
"country": "PK",
"timezone": "Asia/Karachi",
"population": 11624219,
         "location" : {
                   "longitude" : 24.9056,
                   "latitude" : 67.0822
        "_id" : ObjectId("60c61e9fcb0cfb0a5d6558dc"),
        "name" : "Lahore",
"country" : "PK",
"timezone" : "Asia/Karachi",
"population" : 6310888,
        "location" : {
                   "longitude" : 31.54972,
"latitude" : 74.34361
         }
        "_id" : ObjectId("60c61e9fcb0cfb0a5d655954"),
        "name" : "Faisalābād",
        "country" : "PK",
"timezone" : "Asia/Karachi",
"population" : 2506595,
         "location" : {
                   "longitude" : 31.41667,
                   "latitude" : 73.08333
         "_id" : ObjectId("60c61e9fcb0cfb0a5d655875"),
        "name" : "Rāwalpindi",
        "country" : "PK",
"timezone" : "Asia/Karachi",
        "population" : 1743101,
        "location" : {
                   "longitude" : 33.6007,
                   "latitude" : 73.0679
         }
```

```
[> db.cities.getIndexes()
  [ { "v" : 2, "key" : { "_id" : 1 }, "name" : "_id_" } ]
> db.cities.createIndex({population: 1})
         "createdCollectionAutomatically" : false,
        "numIndexesBefore" : 1,
         "numIndexesAfter" : 2,
         "ok" : 1
 db.cities.getIndexes()
                 "v" : 2,
                 "key" : {
                          " id" : 1
                 "name" : " id "
        },
{
                 "v" : 2,
                 "key" :
                          "population" : 1
                 "name" : "population_1"
(> db.cities.dropIndex({population: 1})
{ "nIndexesWas" : 2, "ok" : 1 }
> db.cities.getIndexes()
  { "v" : 2, "key" : { "_id" : 1 }, "name" : "_id_" } ]
```

## Q5:





